

Ahmed Mliki

List of Publications by Year in descending order

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80
papers

1,975
citations

257450

24
h-index

276875

41
g-index

83
all docs

83
docs citations

83
times ranked

2652
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of genes expressed in maize root cortical cells during lysigenous aerenchyma formation using laser microdissection and microarray analyses. <i>New Phytologist</i> , 2011, 190, 351-368.	7.3	185
2	Abscisic acid signals reorientation of polyamine metabolism to orchestrate stress responses via the polyamine exodus pathway in grapevine. <i>Journal of Plant Physiology</i> , 2010, 167, 519-525.	3.5	127
3	Thiamine induced resistance to <i>Plasmopara viticola</i> in grapevine and elicited host defense responses, including HR like-cell death. <i>Plant Physiology and Biochemistry</i> , 2012, 57, 120-133.	5.8	101
4	Phytochemistry, antioxidant and antimicrobial activities of the essential oils of <i>Mentha rotundifolia</i> L. in Tunisia. <i>Industrial Crops and Products</i> , 2013, 49, 883-889.	5.2	101
5	Proteomic analysis of Tunisian grapevine cultivar Razegui under salt stress. <i>Journal of Plant Physiology</i> , 2008, 165, 471-481.	3.5	72
6	Genetic diversity in melon (<i>Cucumis melo</i> L.): Anevaluation of African germplasm. <i>Genetic Resources and Crop Evolution</i> , 2001, 48, 587-597.	1.6	71
7	Evaluation of antifungal and anti-ochratoxigenic activities of <i>Salvia officinalis</i> , <i>Lavandula dentata</i> and <i>Laurus nobilis</i> essential oils and a major monoterpene constituent 1,8-cineole against <i>Aspergillus carbonarius</i> . <i>Industrial Crops and Products</i> , 2019, 128, 85-93.	5.2	69
8	Thiamine modulates metabolism of the phenylpropanoid pathway leading to enhanced resistance to <i>Plasmopara viticola</i> in grapevine. <i>BMC Plant Biology</i> , 2013, 13, 31.	3.6	63
9	Vitamins for enhancing plant resistance. <i>Planta</i> , 2016, 244, 529-543.	3.2	62
10	Variations in Tunisian wormwood essential oil profiles and phenolic contents between leaves and flowers and their effects on antioxidant activities. <i>Industrial Crops and Products</i> , 2013, 46, 290-296.	5.2	61
11	Determination of <i>Fusarium</i> mycotoxins enniatins, beauvericin and fusaproliferin in cereals and derived products from Tunisia. <i>Food Control</i> , 2011, 22, 1373-1377.	5.5	57
12	Greater Effectiveness of $\hat{\mu}$ -Viniferin in Red Wine Than Its Monomer Resveratrol for Inhibiting Vascular Smooth Muscle Cell Proliferation and Migration. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 1259-1267.	1.3	50
13	$\hat{\mu}$ -Viniferin Is More Effective Than Its Monomer Resveratrol in Improving the Functions of Vascular Endothelial Cells and the Heart. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 954-960.	1.3	45
14	Composition of <i>Citrus sinensis</i> (L.) Osbeck cv \hat{A} «Maltaise demi-sanguine \hat{A} » juice. A comparison between organic and conventional farming. <i>Food Chemistry</i> , 2016, 194, 290-295.	8.2	44
15	Ochratoxin A and ochratoxigenic black <i>Aspergillus</i> species in Tunisian grapes cultivated in different geographic areas. <i>Food Control</i> , 2012, 25, 75-80.	5.5	42
16	Investigations on the leaf anatomy and ultrastructure of grapevine (<i>Vitis vinifera</i>) under heat stress. <i>Microscopy Research and Technique</i> , 2011, 74, 756-762.	2.2	39
17	Isolation and expression analysis of salt induced genes from contrasting grapevine (<i>Vitis vinifera</i> L.) cultivars. <i>Plant Science</i> , 2010, 179, 489-498.	3.6	38
18	Methionine elicits H ₂ O ₂ generation and defense gene expression in grapevine and reduces <i>Plasmopara viticola</i> infection. <i>Journal of Plant Physiology</i> , 2013, 170, 1561-1568.	3.5	37

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19	Molecular based assessment of genetic diversity within Barbary fig (<i>Opuntia ficus indica</i> (L.) Mill.) in Tunisia. <i>Scientia Horticulturae</i> , 2007, 113, 134-141.	3.6	31
20	Development and evaluation of a GFLV inverted repeat construct for genetic transformation of grapevine. <i>Plant Cell, Tissue and Organ Culture</i> , 2009, 97, 187-196.	2.3	30
21	Short-term response of wild grapevines (<i>Vitis vinifera</i> L. ssp. <i>sylvestris</i>) to NaCl salinity exposure: changes of some physiological and molecular characteristics. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 957-968.	2.1	29
22	Reverse Genetics and High Throughput Sequencing Methodologies for Plant Functional Genomics. <i>Current Genomics</i> , 2016, 17, 460-475.	1.6	27
23	Evolution of ochratoxin A content during red and rose vinification. <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 1696-1703.	3.5	26
24	Title is missing!. <i>Genetic Resources and Crop Evolution</i> , 2003, 50, 461-468.	1.6	23
25	Molecular characterization and evolutionary pattern of the 9- cis -epoxycarotenoid dioxygenase NCED1 gene in grapevine. <i>Molecular Breeding</i> , 2013, 32, 253-266.	2.1	22
26	Comparative study of toxigenic potential of <i>Aspergillus flavus</i> and <i>Aspergillus niger</i> isolated from Barley as affected by temperature, water activity and carbon source. <i>Journal of Stored Products Research</i> , 2016, 69, 58-64.	2.6	22
27	Physiological responses of transgenic tobacco plants expressing the dehydration-responsive RD22 gene of <i>Vitis vinifera</i> to salt stress. <i>Turkish Journal of Botany</i> , 2014, 38, 268-280.	1.2	20
28	In planta agro-infiltration system for transient gene expression in grapevine (<i>Vitis</i> spp.). <i>Acta Physiologiae Plantarum</i> , 2013, 35, 3147-3156.	2.1	19
29	Characterization of single nucleotide polymorphism in Tunisian grapevine genome and their potential for population genetics and evolutionary studies. <i>Genetic Resources and Crop Evolution</i> , 2013, 60, 1139-1151.	1.6	19
30	Universal direct PCR amplification system: a time- and cost-effective tool for high-throughput applications. <i>3 Biotech</i> , 2017, 7, 246.	2.2	18
31	Alternating temperatures and photoperiod effects on fungal growth and Ochratoxin A production by <i>Aspergillus carbonarius</i> isolated from Tunisian grapes. <i>International Journal of Food Microbiology</i> , 2010, 139, 210-213.	4.7	17
32	Elucidating Genetic Diversity among Sour Orange Rootstocks: a Comparative Study of the Efficiency of RAPD and SSR Markers. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 2996-3013.	2.9	17
33	From differentially accumulated volatiles to the search of robust metabolic classifiers: Exploring the volatome of Citrus leaves. <i>Microchemical Journal</i> , 2018, 138, 321-327.	4.5	17
34	Highly polymorphic nSSR markers: A useful tool to assess origin of North African cultivars and to provide additional proofs of secondary grapevine domestication events. <i>Scientia Horticulturae</i> , 2012, 141, 53-60.	3.6	15
35	Prediction and early detection of mycotoxigenic <i>Fusarium culmorum</i> in wheat by direct PCR-based procedure. <i>Food Control</i> , 2012, 23, 506-510.	5.5	15
36	Correlative metabolite profiling approach to understand antioxidant and antimicrobial activities from citrus essential oils. <i>International Journal of Food Science and Technology</i> , 2019, 54, 2615-2623.	2.7	15

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37	Recent advances in biotechnological studies on wild grapevines as valuable resistance sources for smart viticulture. <i>Molecular Biology Reports</i> , 2020, 47, 3141-3153.	2.3	15
38	Physiological and proteomic responses to drought stress in leaves of two wild grapevines (<i>Vitis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	3.4	14
39	Single nucleotide polymorphism and haplotype diversity of the gene NAC4 in grapevine. <i>Industrial Crops and Products</i> , 2013, 43, 718-724.	5.2	13
40	Micromorphology, structural and ultrastructural changes during somatic embryogenesis of a Tunisian oat variety (<i>Avena sativa</i> L. var "Meliane"™). <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 132, 329-342.	2.3	13
41	Development of an SSR-based identification key for Tunisian local almonds. <i>Scientia Agricola</i> , 2012, 69, 108-113.	1.2	12
42	Proteomic responses in shoots of the facultative halophyte <i>Aeluropus litoralis</i> (Poaceae) under NaCl salt stress. <i>Functional Plant Biology</i> , 2016, 43, 1028.	2.1	12
43	The effect of salt stress on resveratrol and piceid accumulation in two <i>Vitis vinifera</i> L. cultivars. <i>Physiology and Molecular Biology of Plants</i> , 2019, 25, 625-635.	3.1	12
44	Use of chloroplast microsatellite markers as a tool to elucidate polymorphism, classification and origin of Tunisian grapevines. <i>Scientia Horticulturae</i> , 2011, 130, 781-786.	3.6	11
45	Somatic embryogenesis and organogenesis from mature caryopses of North African barley accession "Kerkenâ" (Hordeum vulgare L.). <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2011, 47, 321-327.	2.1	11
46	Genetic structure of endangered wild grapevine <i>Vitis vinifera</i> ssp. <i>sylvestris</i> populations from Tunisia: Implications for conservation and management. <i>Forest Ecology and Management</i> , 2013, 310, 896-902.	3.2	11
47	In vitro antifungal and anti-ochratoxigenic activities of <i>Aloe vera</i> gel against <i>Aspergillus carbonarius</i> isolated from grapes. <i>Industrial Crops and Products</i> , 2018, 123, 416-423.	5.2	11
48	OCCURRENCE AND DISCRIMINATION OF SPONTANEOUS GRAPES NATIVE TO TUNISIA BY RAPD MARKERS. <i>Acta Horticulturae</i> , 2003, , 157-166.	0.2	10
49	Improvement of an RNA purification method for grapevine (<i>Vitis vinifera</i> L.) suitable for cDNA library construction. <i>Acta Physiologiae Plantarum</i> , 2009, 31, 871-875.	2.1	9
50	Molecular cloning and characterisation of a cDNA encoding a putative alkaline alpha-galactosidase from grapevine (<i>Vitis vinifera</i> L.) that is differentially expressed under osmotic stress. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 891-903.	2.1	9
51	Elimination of Grapevine leafroll associated virus-3, Grapevine rupestris stem pitting associated virus and Grapevine virus A from a Tunisian Cultivar by Somatic Embryogenesis and Characterization of the. <i>Plant Pathology Journal</i> , 2017, 33, 561-571.	1.7	9
52	Recovering and Characterizing Phenolic Compounds From Citrus By-Product: A Way Towards Agriculture of Subsistence and Sustainable Bioeconomy. <i>Waste and Biomass Valorization</i> , 2021, 12, 4721-4731.	3.4	9
53	Reliable encapsulation-based cryopreservation protocol for safe storage and recovery of grapevine embryogenic cell cultures. <i>Scientia Horticulturae</i> , 2013, 157, 32-38.	3.6	8
54	Authentication of Citrus fruits through a comprehensive fatty acid profiling and health lipid indices: a nutraceutical perspectives. <i>Journal of Food Measurement and Characterization</i> , 2019, 13, 2211-2217.	3.2	8

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55	Identification of the NaCl-responsive metabolites in <i>Citrus</i> roots: A lipidomic and volatome signature. <i>Plant Signaling and Behavior</i> , 2020, 15, 1777376.	2.4	8
56	Differential physiological responses of Tunisian wild grapevines (<i>Vitis vinifera</i> L. subsp. <i>sylvestris</i>) to NaCl salt stress. <i>Revista Brasileira De Botanica</i> , 2018, 41, 795-804.	1.3	7
57	A new species, <i>Pythium echinogynum</i> , causing severe damping-off of tomato seedlings, isolated from Tunisia, France, and India: morphology, pathology, and biological control. <i>Annals of Microbiology</i> , 2013, 63, 253-258.	2.6	6
58	High efficiency and informativeness of a set of SNP molecular markers in Tunisian local grapevines discrimination. <i>Biochemical Systematics and Ecology</i> , 2013, 51, 175-183.	1.3	6
59	Overexpressing <i>Vitis vinifera</i> YSK2 dehydrin in tobacco improves plant performance. <i>Agricultural Water Management</i> , 2016, 164, 176-189.	5.6	6
60	Expression analysis of salt stress responsive genes in grapevines. , 2008, , 297-303.		6
61	Up-regulation of a stress-responsive endochitinase VvChit-IV in grapevine cell cultures improves in vitro stress tolerance. <i>Protoplasma</i> , 2022, , 1.	2.1	6
62	Osmotic Stress Induces the Expression of VvMAP Kinase Gene in Grapevine (<i>Vitis vinifera</i>) Tj ETQq0 0,0 rgBT /Overlock 10	1.2	5
63	Virulence spectra and geographical distribution of Mal Secco disease of citrus caused by <i>Phoma tracheiphila</i> in the Mediterranean countries: Tunisia and Italy. <i>European Journal of Plant Pathology</i> , 2014, 138, 123-131.	1.7	5
64	A Grapevine-Inducible Gene Vv-Î±-gal/SIP Confers Salt and Desiccation Tolerance in <i>Escherichia coli</i> and Tobacco at Germinative Stage. <i>Biochemical Genetics</i> , 2018, 56, 78-92.	1.7	5
65	EVALUATION OF DIFFERENT GENE CONSTRUCTS FOR PRODUCTION OF RESISTANT GRAPEVINES AGAINST GRAPEVINE FANLEAF AND ARABIS MOSAIC VIRUSES. <i>Acta Horticulturae</i> , 2003, , 315-323.	0.2	5
66	Molecular cloning and characterisation of a cDNA encoding a putative alkaline alpha-galactosidase from grapevine (<i>Vitis vinifera</i> L.) that is differentially expressed under osmotic stress. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 731-742.	2.1	4
67	Identification of Ochratoxigenic <i>Aspergillus</i> Section <i>Nigri</i> Isolated from Grapes by ITS-5.8S rDNA Sequencing Analysis and <i>In Silico</i> RFLP. <i>Journal of Phytopathology</i> , 2013, 161, 280-283.	1.0	4
68	Grapevine RD22a constitutive expression in tobacco enhances stomatal adjustment and confers drought tolerance. <i>Theoretical and Experimental Plant Physiology</i> , 2016, 28, 395-413.	2.4	4
69	Timely gene detection assay and reliable screening of genetically engineered plants using an improved direct PCR-based technology. <i>Transgenic Research</i> , 2021, 30, 263-274.	2.4	4
70	Molecular characterization and in silico analysis of an alkaline Î±-galactosidase gene (Vv-Î±-gal/SIP) in grapevines (<i>Vitis vinifera</i> L.). <i>Turkish Journal of Biochemistry</i> , 2012, 37, 368-374.	0.5	4
71	Preservation of endangered Tunisian grapevine cultivars using embryogenic cultures. <i>Electronic Journal of Biotechnology</i> , 2009, 12, 0-0.	2.2	3
72	Associating chemical analysis to molecular markers for the valorization of <i>Citrus aurantium</i> leaves: a useful starting point for marker-assisted selection. <i>Euphytica</i> , 2017, 213, 1.	1.2	3

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73	Establishment of an in vitro regeneration system and genetic transformation of the Tunisian 'Maltese half-blood' (<i>Citrus sinensis</i>): an agro-economically important variety. <i>3 Biotech</i> , 2020, 10, 99.	2.2	3
74	Behavior of <i>Opuntia ficus-indica</i> (L.) Mill. Heat-Stressed Microspores Under In Vitro Culture Conditions as Evidenced by Microscopic Analysis. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2020, 56, 122-133.	2.1	2
75	Influence of the flower stage and culture medium on the induction of somatic embryogenesis from anther culture in Tunisian grapevine cultivars. <i>Oeno One</i> , 2016, 41, 185.	1.4	2
76	Modèle topologique de la structure d'un antiport vacuolaire de type NHX chez la vigne cultivée (<i>Vitis vinifera</i>). <i>Botany</i> , 2009, 87, 339-347.	1.0	1
77	High quality RNA from hydroponically grown grapevine roots suitable for gene expression studies. <i>Biyokimya Dergisi</i> , 2017, 42, 401-408.	0.5	1
78	Interspecific variation in Citrus species analyzed through phytochemicals and related bioactivities. <i>Journal of Food Measurement and Characterization</i> , 2020, 14, 3138-3145.	3.2	1
79	Molecular strategy to discriminate between two ochratoxin A producing <i>Aspergillus niger</i> aggregate species isolated from fresh and dried grapes. <i>Annals of Microbiology</i> , 2009, 59, 635-641.	2.6	0
80	Physiological and proteomic analyses of Tunisian local grapevine (<i>Vitis vinifera</i>) cultivar Razegui in response to drought stress. <i>Functional Plant Biology</i> , 2022, 49, 25.	2.1	0